

FOREST INSECT AND DISEASE MANAGEMENT UNIT
U.S. FOREST SERVICE
DORAVILLE, GEORGIA

LAND OWNERSHIP OR SURVEY AREA: TUSKEGEE NATIONAL FOREST AND
PRIVATE LANDS WITHIN THE NATIONAL
FOREST BOUNDARY

STATE: ALABAMA

AREA WITHIN SURVEY BOUNDARY: 15,628 ACRES

DATE: JULY 19, 1978

PERCENT COVERAGE: 50%

AIRCRAFT: CESSNA 182

CREW: C.W. DULL, T. ROGERS, SUSAN HORTON, TUSKEGEE NATIONAL FOREST

REPORT PREPARED BY: C.W. DULL

SURVEY OBJECTIVES: TO DETECT THE PRESENCE OF FOREST INSECT
AND DISEASE ACTIVITY WITHIN AND ADJACENT TO THE TUSKEGEE
NATIONAL FOREST. SPECIAL EMPHASIS WAS PLACED UPON
DELINEATING AREAS OF RED AND FADING PINE TREES SUSPECTED
TO CONTAIN POPULATIONS OF THE SOUTHERN PINE BEETLE.

SURVEY RESULTS

A TOTAL OF 41 SPOTS CONTAINING RED OR FADING PINE
TREES WAS OBSERVED, OF WHICH 31 CONTAINED ONLY A SINGLE
TREE. THE LARGEST TWO SPOTS CONTAINED 10 TREES.

DURING THE SURVEY OF 10/14/76 A 100 TREE SPOT WAS
OBSERVED NORTH OF THE UPHAPEE CREEK AND U.S. HIGHWAY 29-80
INTERSECTION IN A PLANTATION WEST OF THE DISTRICT RANGER
STATION. THIS SPOT WAS SALVAGED. HOWEVER, THREE SMALL
SPOTS WERE OBSERVED IN THIS PLANTATION DURING THE CURRENT
SURVEY (FIG. 1).

REFER TO THE ATTACHED MAP FOR THE LOCATION OF SPOTS
OBSERVED DURING THE AERIAL SURVEY.

CONCLUSIONS

SOUTHERN PINE BEETLE ACTIVITY IS AT A LOW LEVEL ON
AND ADJACENT TO THE TUSKEGEE NATIONAL FOREST. MOST OF THE
SCATTERED RED AND FADING PINES WERE PROBABLY THE RESULT
OF LIGHTNING STRIKES AND IPS SPP. BARK BEETLE ACTIVITY.

NO OTHER UNUSUAL INSECT OR DISEASE ACTIVITY WAS
NOTED. NATIONAL FOREST PERSONNEL SHOULD CONTINUE FIELD
SURVEILLANCE.

FOR ANY ADDITIONAL INFORMATION, CONTACT:

FOREST INSECT AND DISEASE MANAGEMENT UNIT
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FIG. 1. SMALL AREAS OF RED AND FADING PINES SURROUNDING AN AREA SALVAGED AFTER THE 1976 AERIAL DETECTION SURVEY.

TUSKEGEE NATIONAL FOREST

ALABAMA

ST. STEPHENS MERIDIAN

1966

Scale 1" = 1 Mile

1 0 1 2 3 Miles

○ RED AND FADING PINE TREES WITH
APPROXIMATE NUMBER PER SPOT

